

5026

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1923

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: California

DESCRIPTIVE REPORT

Air-photo
Topographic
~~Hydrographic~~

Sheet No. T- 5026
(Field No. 14)

LOCALITY

Hog Slough

Western Pacific R.R. Also to

Peltier Road.

1933

CHIEF OF PARTY

M. H. Reese.

U.S. GOVERNMENT PRINTING OFFICE: 1923

5026

Applied to drawing of Chart 5527

Jan. 11, 1935 - J.W.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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AIR-PHOTO TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 14

REGISTER NO. 5026

State California

General locality Hog Slough

Locality Western Pacific R.R. Also to Peltier Road.

Date of Photographs Dec. 15, 1931.
Date of ~~Survey~~ ^{Compilation} June 8, 1933.

Scale 1:10,000

~~Wassack~~ Army Air Corps F1A airplane Lieut. J. F. Phillips, Pilot.
Capt. A. W. Stevens, Photographer

Reviewed and recommended for approval M.H. Reese
Chief of ~~party~~ ^{party} compilation M.H. Reese June 25, 1933.

Photographs plotted by J. Rippstein
~~Surveyed by~~ J. Rippstein, May 13, 1933.

Inked by P. A. Kelly P. A. Kelly, May 18-June 8, 1933.

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated November 15, 1933.

Remarks: Compilation of aerial photographs Nos. SS.356-362, SS.431-439, SS.441-451. Scale 1:10,00, printed by photo lithographic process.

Polyconic projection by E. L. F. May 4, 1933.

Projection verified by M. H. R. May 4, 1933.

Control plotted by E. L. F. May 5, 1933.

Control verified by M. H. R. May 5, 1933.

Descriptive Report to Accompany
Air-Photo Topographic Sheet No. T-
Field No. 14.

See Descriptive Report T-4685 for general report of Field Inspection

General Information:

- a. Date of Instructions- November 15, 1932.
- b. Sheet data-

Projection by	E. L. F.	May 4, 1933.
Projection checked by	M. H. R.	May 4, 1933.
Control plotted by	E. L. F.	May 5, 1933.
Control checked by	M. H. R.	May 5, 1933.
Radial line plot by	J. R.	May 8-13, 1933.
Drafting of photographs by	P. A. K.	May 18-June 8, 1933.
- c. Statistics-

Area of sheet: 13.8 square statute miles.
Miles of shoreline: 0.0
- d. Reports affecting sheet-

The information shown on this sheet is confined to notes made by the field inspection party. The notes made by the field party were complete and no difficulty was encountered in interpreting the detail from the photographs. The area covered by the sheet is mostly grasslands and marsh. There is a large duck preserve which is shown as a marsh.
- e. Numbers, time, and dates, of photographic flights-

SS. 356-362, 10:00 A. M., Dec. 15, 1931.
SS. 431-439, 10:30 A. M., Dec. 15, 1931.
SS. 441-451, 10:45 A. M., Dec. 15, 1931.

Control:

1. Third order traverse along Western Pacific R.R. by L. P. Raynor, 1932.
2. Three point fixes by L. P. Raynor. 1932. Computations are on N. A. Datum, 1927.

Compilation:

- a. Method-

The radial line method as applied to five lens photographs was used throughout the sheet.

Compilation: (continued)

b. Comparison with other surveys-

Satisfactory junctions were obtained with Sheets Nos. T-5013 and T-5018. The junction with Sheet T-5011 was satisfactory except the three ditches between Long. $121^{\circ} 22.5'$ and $121^{\circ} 24.0'$. The junction of the Western Pacific R.R. is incorrect on Sheet T-5011. The correct position is shown on Sheet (field No. 14). The correction is 13 meters west of the position shown on Sheet T-5011 at the junction. The error decreases to zero at $38^{\circ} 06.9'$.


Landmarks:

No landmarks for charts appear on this sheet.




M. H. Reese,
Lieut.(j.g.) C. & G. Survey.

Examined in office by: Frank G. Entine

Approved:

Chief, Section of Field Records


Chief, Division of Charts


Chief, Section of Field Work


Chief, Division of H. & T.

NAMES; There are no charts covering the area of this project except chart 5534 at the junction of the Sacramento and San Joaquin Rivers. The following maps filed as Blueprints were furnished by the field party with corrections made from field examination to show the names in local use and have been used in making the corrections to compilations on this project.

Capt. Leathers Map (1931)- BP.- 25708

U.S.C.S. Quadrangle -- BPs.-25702 to 25707

(see also chart letter No. 698 (1932))

Name lists are now being prepared under Mr. Bacon's direction and will be attached at the back of the descriptive reports when completed. Any changes in names indicated by the name lists will be applied to the compilations at the next printing.

November 26, 1934.

Frank G. Eubank

